Author Index

Volume 44, July–December 2004

Abe Y, 236
Adair TH, 618
Adams MA, 89
Adeyemo A, e6
Aguirre AG, 311
Ahn JY, 180
Aki Y, 236
Akizawa T, 944
Alenina N, 490
Alfakih K, 175
Amann K, 974
Amsalam M, 764
Ando K, 897
Andrew M, 55
Andrew T, 872
Aoki M, 203
Ardery G, 602
Asbun J, 621
Aubert JF, 277
Aviv A, 969
Avolio AP, 305
Avorn J, 140
Awad G, 969
Ayala DE, 316
Ayanian JZ, 429
Azuma J, 203

Babeanu S, 156
Bader M, 490
Bagrov AY, 22
Bakris GL, 637
Ball SG, 454
Barbagallo M, 322
Barbato JC, 751
Bardicef M, 322
Bardicef O, 322
Bardwell WA, 891
Barker S, 340
Barouch LA, 776
Barreto NE, 695
Barton M, 974
Bataillard A, 695
Bates DW, 429
Baumann G, 471
Bautista A, 702
Bea F, 944
Beeks E, 419
Beloqui O, 163
Benjamin EJ, 134, 152, e10
Benos DJ, 616
Berenson GS, 668
Berezny K, 289
Berger K, 625
Berkowitz DE, 776
Bertipaglia B, 191
Biaggioni I, 649
Bianchi G, 156, 394
Biasion T, 170
Bidani AK, 595
Bilusic M, 695
Birkenhäger WH, 459, 612
Björkesten C-Ga, 832
Blanquart C, 674
Bleich M, 490
Boer P, 83
Boerwinkle E, 668
Bogden J, 969
Böhm M, 930
Bontempo ED, 490
Boreham CA, 721
Bøttcher M, 465
Bouzourene K, 277
Braam B, 83
Brambilla R, 727
Brand E, 156
Brandes RP, 974
Brands MW, 259
Breteler MMB, 625
Brewster LM, e6
Breyer MD, 396
Briest W, 410
Brooks CS, 614
Brown EA, 708
Brown NJ, 739
Brunner H-R, 277
Budge MM, 631
Buikema H, 930
Bulpitt CJ, 459
Burns J, 454, 847
Burt VL, 398
Bushfield TL, 89
Buus NH, 465
Buzzigoli E, 127

Califf RM, 289
Cardinali DP, 311
Carter BL, 602
Casas JP, 702
CASCADE Consortium, 625
Casiglia E, 156
Celis H, 459
Chan FL, 78
Chan JCN, 294
Chan NN, 294
Chan WB, 294
Chang C-H, 963
Chang G-D, 963
Charchar FJ, 689
Che D, 963
Chen J, 655
Chen K, 655
Chen R, 758
Chen S, 283
Chen W, 668
Chen Y-F, 746
Chen Z-J, 963
Chen Z-Y, 78
Cherry L, 708
Chironi G, 919
Chow CC, 294
Chowienczyk PJ, 67
Christensen KL, 465
Chung W-J, 180
Cifuentes R, 702
Ciociaro D, 127
Cirò A, 727
Clark P, 708
Cockcroft JR, 112, 305
Cooper RS, e6
Cooper-DeHoff R, 637
Corey D, 152
Cotecchia S, 776
Cotton DB, 322
Cottrill CM, 289
Cox AJ, 195
Craig T, 405
Cruden NLM, 913
Cui J, 283
Cui T-X, 758
Cutler JA, 398

da Silva AA, 853
Dahlöf B, 48
Dal Follo M, 170
Daniels SR, 387
Davis H, 866
Davis SN, 739
De Angelis L, 67
de Lange M, 872
de Leeuw PW, 419, 448, 459
De Matteo R, 101
De Mello WC, 360
de Ridder M, 625
de Wit C, 952
Dechend R, 374
Degaute J-P, 924
Deitchman D, 289
Delgado-Almeida A, e13
Delles C, 61
Dell'Oro R, 727
Dendorfer A, 346
DeStefano AL, 152
Deten A, 410
Devaraj S, 6
Devereux RB, 48
Devynck M-A, 919
Díaz LA, 702
Díez J, 163
Dimitrov DS, 903
Dimsdale JE, 891
Ding Y, 963
Dixon IMC, 392
Dominguez LJ, 322
Dominiak P, 346
Dominiczak AF, 689
Dong Y, 866, 884
Doris PA, 95
Dorn JM, 813
Drobic V, 392
Drummond HA, 643
Du K, 907
Dubey RK, 789
Dubrovska G, 271
Duchosal MA, 277
Dufouil C, 625
Dutra de Paula R, 490
Dzudie A, 924

Egan B, 146, 389
Egashira K, 264
Elias MF, 631
Elias PK, 631
Elliott P, 838
Elliott WJ, 800
Endo M, 42
Erdine S, 637
Esler MD, e3
Essin K, 271
European Project On Genes in Hypertension (EPOGH) Investigators, 156
Evelhoch J, 322
Everett LA, 982

Fagard R, 156, 459
Fagerudd J, 832
Faggin E, 191
Fairchild DG, 429
Falck JR, 210
Falkner B, 387
Farinaro E, 813
Favaretto E, 191
Feil R, 952
Feil S, 952
Feng JA, 746
Feoktistov I, 649
Fernández-Alfonso MS, 255
Ferrannini E, 127
Ferreira I, 721
Ferreri NR, 230
Fields LE, 398
Filipovský J, 156
FinnDiane Study Group, 832
Fleming C, 259
Forrester T, e6
Forsblom C, 832
Fortuño A, 163
Fossum TW, 935
Fox E, 55
Fox KAA, 913
Franco V, 746
Franco-Saenz R, 751
Franklin SS, 112
Franks PW, 681
Freeman DJ, 708
Freudenheim JL, 813
Frohlich ED, 109
Fuentes R, 859
Fuhrer R, 625
Fujisawa Y, 236
Fujita T, 897
Fukuda N, 42
Fuss-Lejeune MJMJ, 419

Gabbiani G, 277
Gallagher AM, 721
Gamba GP, 191
Gandley RE, 327
Gao L, 695
Gao X-Y, 758
Gardner DG, 283
Gariepy J, 919
Garrison R, 55
Gastaldelli A, 127
Gates PE, 35
Gaxiola E, 637
Gebremedhin D, 643
Geller DS, 27
Germain AM, e1
Ghione S, 127
Giacaman A, 334
Giampaoli S, 625
Gilbert RE, 195
Gironacci MM, 783
Glapion DM, 982
Godes M, 471
Goldschmeding R, 83
Goldstein AE, 649
Gollasch M, 271
Gopal VR, 210
Gorelick PB, 1
Gow RM, 195
Graf K, 809
Grassi G, 727
Green ED, 982
Greenwood JP, 454

Greer IA, 708
Griffin KA, 595
Grodzicki T, 156
Groop P-H, 832
Grozinski M, 146
Grzeszczak W, 689
Gudnason T, 300
Guenther C, 471

Hage F, 746
Hale TM, 89
Hall AS, 175
Hall JE, 853
Halliwill JR, 435
Hamm LL, 223
Han H, 55
Han SH, 180
Hanson RL, 681
Hao C-M, 396
Hao H, 277
Harder DR, 643
Hare JM, 776
Harrison RW, 776
Harrison-Bernard LM, 223, 390
Hartikainen A-L, 838
Hashiya N, 203
Hawe E, 702
Hayoz D, 277
Haywood JR, 405
Hazan L, 289
Head GA, 101
Heagerty A, 878
Hein TW, 935
Henskens LHG, 448
Hering-Smith KS, 223
Hermida RC, 316
Hiasa K-i, 264
Hiatt WR, 35
Hicks LS, 429
Hingorani AD, 702
Hinks J, 878
Hinojos CA, 95
Hinojosa-Laborde C, 405
Hirooka Y, 478
Ho CS, 294
Hocher B, 471
Hoe YSG, 776
Hofman A, 625
Hofmann F, 952
Hogg R, 289
Homagk L, 410
Hopfer U, 352
Horiuchi M, 758
Horng MS, 429
Houben AJHM, 448
Hrafnkelsdóttir T, 300
Huang D-Y, 907
Huang Y, 78, 271
Huentelman MJ, 903
Huggett RJ, 847
Hughes J, 398
Humphrey JD, 935

Iglesias M, 316
Ikeda K, 217
Imthurn B, 789
Ingwall JS, 662
INVEST Investigators, 637
Irtiza-Ali A, 878
Ishibashi M, 264
Ito K, 478
Iwai M, 758

Jackson EK, 789
Jacob HJ, 695
Jaimes EA, 186
James PA, 602
Järvelin M-R, 838
Jenkins RD, 289
Jensen MD, 435
Jern S, 48, 300
Ji H, 405
Jialal I, 6
Jin DK, 180
Jin L, 796
Jin X-Q, 42
Jinno T, 758
Johnston NR, 913
Joles JA, 83
Jones DW, e12
Jones RH, 67
Jones T, 175
Jørgensen CG, 465
Joyner MJ, 435
Julius S, 48, 146
Jung AS, 776

Kaciroti N, 146
Kagamimori S, 715
Kaibuchi K, 478
Kaide J-I, 210
Kamata K, 956
Kamimura M, 944
Kanani P, 289
Kaneda Y, 203
Kaneki M, 484
Kang WC, 180
Kangawa K, 365
Kaplan NM, 125
Katori M, e12
Katus HA, 944
Kawecka-Jaszcz K, 156
Keaney JF Jr, 134
Kelly DJ, 195
Kemp BE, 195
Kemp F, 969
Keyes MJ, 134, e10
Khan SA, 776
Kilaru R, 289
Kim DS, 180
Kim HS, 180
Kim SS, 963
Kim YH, 982
Kimura M, 969
Kimura S, 236
Kimura Y, 478
King V, 838
Kitakaze M, 365
Kitamura S, 365
Kiyomoto H, 236
Kjeldsen SE, 48
Klatsky AL, 805
Klein R, 442
Klingbeil AU, 61
Knowler WC, 681
Ko GTC, 294
Kobayashi T, 956
Kobori H, 223
Koeppen M, 952
Koh KK, 180
Kohno M, 236
Kolb RJ, 352
Kolloch RE, 61
Komamura K, 365
Koomans HA, 83
Korber M, 277
Korf ESC, 29
Koska J, 681
Koster D, 448
Kozlova L, 289
Kramer H, e6
Krekler M, 61
Kretzler M, 974
Kreuzer J, 944
Kristal B, 764
Kroon AA, 419, 448
Kuo JJ, 853
Kuo L, 935
Kurl S, 820
Kuznetsova T, 156
Kwitek AE, 695

Laaksonen DE, 859
Lacka B, 689
Lackland DT, 811
Laher I, 78
Laitinen J, 838
Lakatta EG, 22
Lakka TA, 820
Lam CWK, 294
Lange M, 974
Laniado-Schwartzman M, 210
Larson MG, 134, 152, e10
Lattmann T, 974
Laukkanen JA, 820
Laule M, 471
Launer LJ, 29, 625
Lauren L, 838
Lechin AE, e3
Lechin F, e3
Lee DL, 259, 796
Lee K, 776
Lee Y-H, 681
Leeder SR, 442
Leeman M, 924
Lefkowitz RY, 776
Leiblein S, 410
Leik CE, 72
Leite R, 259
Lemmon CA, 776
Lemogoum D, 924
Leonetti G, 459
Levenson J, 919
Levin R, 140
Levy D, 134, 152, e10
Li D, 655
Li J, 152
Li JS, 289
Li S, 668
Li Y-F, 907
Li Z, 758
LIFE Study Investigators, 48
Lin Z-H, 42
Lindsay RS, 681
Liu G-F, 907
Liu H-W, 758
Liu S, 963
Lombardi M, 127
Longo D, 170
Looker HC, 681
López-Jaramillo P, 702
Lorell BH, 662
Lu X, 969
Ludlam CA, 913
Ludwig M, 61
Luft FC, 271
Luke A, e6
Lykins DL, 327

Ma RCW, 294
Mackintosh AF, 454, 847
Madias JE, 807
Madu E, 924
Majima M, e12
Makino H, 203
Malhotra S, 866
Mallat Z, 257
Mancia G, 637, 727
Manger WM, 111
Manunta P, 394
Mari A, 127
Mary DASG, 454, 847
Mason BA, 322
Matafonov A, 649
Materson B, e5, e7
Matsubara K, 236
Matsuda H, 203
Matsumoto Koichi, 42
Matsumoto Kunio, 365
Matsumoto T, 956
Mattoo TK, 289
Mattson DL, 424
Mayorov DN, 101
Mazor R, 764
Mazzolai L, 277
McCarthy MI, 838
McDonald MM, 935
McEniery CM, 305
McGiff JC, 230
McManus F, 708
Mehta JL, 655
Meier H, 410
Meiners S, 471
Mendes EP, 490
Mesa CM, 702
Messerli FH, 637
Michelson E, 146
Milchak JL, 602
Millasseau SC, 67
Miller MW, 935
Mitchell GF, 134, 152, e10
Mitchell P, 442
Miura K, 715
Miyatake A, 236
Miyatake K, 365
Miyazaki J-i, 365
Mohamed E, 55
Monahan KD, 732
Monterrosa A, 702
Monterrubio J, 360
Morange P-E, 674
Moreno MU, 163
Morikawa Y, 715
Morishita R, 203, 253
Moriwaki K, 236
Mos L, 170
Mrozikiewicz A, 471
Mugishima H, 42
Muldowney JAS III, 739
Mulrow PJ, 373, 751
Mulvany MJ, 465
Münter K, 974
Murray LJ, 721
Muti P, 813

Nair S, 681
Najem B, 924
Nakagawa H, 715
Nakamura T, 365
Nakanishi Y, 715
Nakatani T, 365
Naruse Y, 715
Nascimben L, 662
Nasjletti A, 210
Navar LG, 223
Nelesen RA, 891
Nesbitt S, 146
Newby DE, 913
Nichols WW, 119, e10
Nickenig G, 381, 930

Nielsen S, 435
Nielsen TT, 465
Nieminen MS, 48
Nikitin Y, 156
Nilsson L-G, 625
Nishijo M, 715
Nishiyama A, 236
Niskanen L, 859
Nochajski TH, 813
Norrie J, 708
Nussberger J, 277
Nyhan D, 776
Nyyssönen K, 859

Ogihara T, 203
Oikarinen L, 48
Okin PM, 48
Okumura M, 758
Oliván S, 163
Oparil S, 746
Orav EJ, 429
O'Rourke MF, 119, e10
Ortmann J, 974
Ostrov DA, 903
Ottosson P, 300
Oudkerk M, 625
Ozaki R, 294
Ozawa Y, 223

Páez C, 702
Pajak A, 625
Palatini P, 170
Parekh N, 974
Parise H, 134, e10
Pauletto P, 191
Pedelty L, 1
Pedraza PL, 230
Peleška J, 156
Peña C, 783
Pepine CJ, 637
Perez-Lloret S, 311
Permana PA, 681
Pernollet M-G, 919
Perry G, 746
Pesonen U, 689
Pesquero JB, 490
Pessina AC, 170, 191
Pettersson-Fernholm K, 832
Pfister M, 674
Pinheiro SVB, 490
Pinz I, 662
Plat AW, 448
Pohl U, 952
Pollock DM, 770
Pollock J, 259, 770, 866
Poole J, 866
Portman R, 289
Postano V, 127
Poston L, 374
Powers RW, 327
Prada JAH, 903
Prieto-Carrasquero MC, 223
Puato M, 191
Puddefoot JR, 340
Punnonen K, 859

Qasem A, 305

Raasch W, 346
Racasan S, 83
Rahman M, 236
Rahmutula D, 283
Raij L, 186
Raijmakers MTM, 374
Raizada MK, 903
Ramsay JE, 708
Rantakallio P, 838
Rashid S, 751
Rattazzi M, 191
Rauramaa R, 820
Ray CA, 732
Raβler B, 410
Reineke T, 156
Rendu F, 919
Resnick LM, 322
Reyes MS, e1
Ridgway J, 175
Ritter JM, 67
Rizzoni D, 191
Robbins MA, 631
Roberts JM, 327
Roberts SA, 878
Roberts T, 878
Roccella EJ, 398
Rochtchina E, 442
Rodriguez JA, 230
Romanik MC, e1
Rönnback M, 832
Rosei EA, 191
Rosengård-Bärlund M, 832
Russell M, 813
Ryzhov S, 649

Saalbach A, 410
Safar ME, 121
Sagara Y, 478
Saito S, 42
Salas SP, 334
Salonen JT, 820, 859
Salonen R, 820, 859
Sampaio WO, 490
Samuelsson O, 300
San José G, 163
Sandberg K, 405
Sans S, 625
Santonastaso M, 170
Santos RAS, 490
Saraheimo M, 832
Sarti C, 459
Sartore S, 191
Sass C, 674
Sassard J, 695
Sattar N, 708
Savage MJ, 721
Sawa Y, 203
Scheltens P, 29
Scheuer J, 623
Schlaich MP, e3
Schmidt R, 625
Schmieder RE, 61
Schmitt M, 305
Schneeweiss S, 140
Schneider MP, 61
Schork MA, 146
Schultz V, 662
Schwarz M, 878
Seals DR, 35
Sela S, 764
Seo Y-H, 180
Serrano NC, 702
Shapiro JI, 751
Sharma AM, 12, 117
Shimizu Y, 365
Shimokawa H, 478
Shimosawa T, 897
Shin EK, 180
Shokoji T, 236
Shoukas AA, 776
Siegl D, 952
Simões e Silva AC, 490
Simon A, 919
Singh K, 826
Singh M, 826
Sironi AM, 127
Sivananthan M, 175
Skelton T, 55
Skurnick J, 969
Smallegange C, 89
Smith Alison, 878
Smith Andrew, 67
Smith W, 442
Snapinn S, 48
Snieder H, 866, 884
So WY, 294
Solomon DH, 140
Son JW, 180
Song X-H, 907
Sorlie P, 398
Sorokin Y, 322
Sovio U, 838
Sowers JR, 614
Soyama Y, 715
Spector TD, 872
Spence JD, 20
Spiering W, 419
Srinivasan SR, 668
Staessen JA, 156, 459, 612
Stangl K, 471
Stangl V, 471
Stanley L, 982
Stawowy P, 809
Stoffers HEJH, 448
Stolarz K, 156
Stranges S, 813
Struijker-Boudier H, 156
Stumpe KO, 61
Sugita H, 484
Sugita M, 484
Sunagawa K, 478
Super M, 878
Suzuki J, 758
Systolic Hypertension in Europe (Syst-Eur) Trial Investigators, 459

Taguchi K, 956
Takano K, 897
Takeshita A, 264, 478
Tallam LS, 853
Tan C, 264
Tanaka H, 35
Tannapfel A, 410
Tataranni PA, 681
Tatsumi R, 365
Taylor H, 55
Tedgui A, 257
Teutcha C, 924
Thijs L, 156, 459
Thomas KS, 891
Thorn L, 832
Thygesen K, 465
Tian R, 662
Tikhonoff V, 156
Toblli JE, 311
Toivonen L, 48
Tomaszewski M, 689
Tomoike H, 365
Tong PCY, 294
Tornheim K, 662
Touyz RM, 248
Townsend SA, 776
Traupe T, 974
Treiber F, 866, 884
Trevano FQ, 727
Trevisan M, 813
Trocino G, 727
TROPHY study group, 146
Tsang S-Y, 78, 271
Tschannen MR, 695
Tsuda M, 758
Tuomainen T-P, 859
Tuomilehto J, 459
Turchi S, 127
Twisk JW, 721

Ueno T, 42

Valdés G, e1
Valera MS, 783
Valkonen V-P, 859
Vallance P, 702
Vallet V, 277
Van Bortel L, 924
van de Borne P, 924
van der Dijs B, e3
van der Giezen DM, 83
van der Harst P, 930
van der Klauw MM, 419
van Dijk EJ, 625
van Gilst WH, 930
van Montfrans GA, e6
van Onna M, 448
Vasan RS, 134, 152, e10
Vaughan DE, 739
Venugopal SK, 6
Verlander JW, 982
Verlohren S, 271
Vetter M, 963
Viberti G, 67
Viedt C, 944
Viitasalo M, 48
Villarreal FJ, 621
Vincent M, 695
Vincenti A, 727
Vincenzi A, 727
Vinson GP, 340
Vio CP, 230, 334
Visvikis-Siest S, 674
Vita JA, 134
Volbeda M, 930
Voors AA, 930

Wadén J, 832
Walker BR, 681
Walker ID, 708
Wall SM, 982
Walsh SW, 72
Walters K, 175
Walther T, 490
Wang D, 746
Wang JJ, 442
Wang T, 695
Wang Wei, 935
Wang WenHui, 210
Wang WYS, 689
Wang X, 884
Warner E, 134
Wassmann K, 381
Wassmann S, 381, 930
Watts SW, 25
Webb DJ, 305
Webb RC, 259, 796
Webster J, 459
Wei Y, 210
Weinberger MH, 609
Weisman I, 289
Weller A, 471
Wessman M, 832
White LR, 29
White WB, 123

Wilkinson IB, 112, 305
Williams JM, 770
Wilson TE, 732
Winnicki M, 170
Wong C-M, 78
Wong TY, 442
Woost PG, 352
Wu L, 758
Wu T, 813

Xiao F, 340
Xiao X, 903
Xie Z, 826
Xu B, 838
Xu J-W, 217

Yagil C, 764, e7
Yagil Y, 764, e7
Yamasaki K, 203
Yamato E, 365
Yamori Y, 217
Yang Y-M, 907
Yao E-H, 42
Yao X, 78
Yasuhiro T, 956
Yodfat Y, 459
Yoshita K, 715
Young M, 878
Yujnovsky I, 783

Zacharia LC, 789
Zaetta V, 170
Zalba G, 163
Zeegers MPA, 448
Zeng D, 649
Zewde T, 424
Zhang C, 935
Zhang F, 210
Zhang X, 655
Zhang Y, 195
Zhao Q, 264
Zharkova L, 289
Zheng W, 405
Zhong H, 649
Zhong J-C, 907
Zhou M-S, 186
Zhu H, 884
Ziegelhöffer-Mihalovicová B, 410
Ziegler A, 346
Ziegler MG, 891
Zimmer H-G, 410
Zitting P, 838
Zubcevic J, 903
Zukowska-Szczechowska E, 689

Subject Index

Volume 44, July–December 2004

A

Adenosine
Hypoxia Modulates Adenosine Receptors in Human Endothelial and Smooth Muscle Cells Toward an A_{2B} Angiogenic Phenotype, 649

Adipose tissue
Neutrophils Infiltrate Resistance-Sized Vessels of Subcutaneous Fat in Women With Preeclampsia, 72
Visceral Fat in Hypertension: Influence on Insulin Resistance and β-Cell Function, 127

Adrenergic antagonists
Norepinephrine-Induced Changes in Cardiac Transforming Growth Factor-β Isoform Expression Pattern of Female and Male Rats, 410

Adrenergic receptor agonists
Vascular CO Counterbalances the Sensitizing Influence of 20-HETE on Agonist-Induced Vasoconstriction, 210

Age
Blood Pressure-Related Cognitive Decline: Does Age Make a Difference?, 631

Aging
The Association Between Blood Pressure, Hypertension, and Cerebral White Matter Lesions: Cardiovascular Determinants of Dementia Study, 625
Dietary Sodium Restriction Rapidly Improves Large Elastic Artery Compliance in Older Adults With Systolic Hypertension, 35
Ovariectomy Augments Hypertension in Aging Female Dahl Salt-Sensitive Rats, 405

Alcohol
Relationship of Alcohol Drinking Pattern to Risk of Hypertension: A Population-Based Study, 813

Aldosterone
Genetic Variation in *CYP11B2* and *AT1R* Influences Heart Rate Variability Conditional on Sodium Excretion, 156
NO Synthase Inhibition Increases Aldosterone in Humans, 739
Renal and Hormonal Effects of Water Deprivation in Late-Term Pregnant Rats, 334

Angiotensin
Angiotensin-(1-7) Inhibitory Mechanism of Norepinephrine Release in Hypertensive Rats, 783
Dietary Sodium Restriction Rapidly Improves Large Elastic Artery Compliance in Older Adults With Systolic Hypertension, 35
Endogenous Angiotensin II Induces Atherosclerotic Plaque Vulnerability and Elicits a Th1 Response in $ApoE^{-/-}$ Mice, 277
Fluvastatin Enhances the Inhibitory Effects of a Selective AT_1 Receptor Blocker, Valsartan, on Atherosclerosis, 758
Intracellular and Extracellular Angiotensin II Enhance the L-Type Calcium Current in the Failing Heart, 360
Is There a Rationale for Angiotensin Blockade in the Management of Obesity Hypertension?, 12
Nonpeptide AVE 0991 Is an Angiotensin-(1-7) Receptor Mas Agonist in the Mouse Kidney, 490

Angiotensin antagonist
Angiotensin-(1-7) Inhibitory Mechanism of Norepinephrine Release in Hypertensive Rats, 783
Reduction of Vascular Noradrenaline Sensitivity by AT_1 Antagonists Depends on Functional Sympathetic Innervation, 346
Trial of Preventing Hypertension: Design and 2-Year Progress Report, 146

Angiotensin II
Angiotensin II Regulation of Collagen Type I Expression in Cardiac Fibroblasts: Modulation by PPAR-γ Ligand Pioglitazone, 655
Enhancement of Collecting Duct Renin in Angiotensin II-Dependent Hypertensive Rats, 223
Essential Role of Vascular Endothelial Growth Factor in Angiotensin II-Induced Vascular Inflammation and Remodeling, 264
Mechanism for Aldosterone Potentiation of Angiotensin II-Stimulated Rat Arterial Smooth Muscle Cell Proliferation, 340
Nonpeptide AVE 0991 Is an Angiotensin-(1-7) Receptor Mas Agonist in the Mouse Kidney, 490
Platelet-Derived Growth Factor Receptor Transactivation Mediates the Trophic Effects of Angiotensin II In Vivo, 195
Tempol Attenuates Excitatory Actions of Angiotensin II in the Rostral Ventrolateral Medulla During Emotional Stress, 101
Vascular Response to Angiotensin II Predicts Long-Term Prognosis in Patients Undergoing Coronary Artery Bypass Grafting, 930

Angiotensin-converting enzyme
Effect of Angiotensin-Converting Enzyme Inhibition on Survival in 3773 Chinese Type 2 Diabetic Patients, 294
Is There a Rationale for Angiotensin Blockade in the Management of Obesity Hypertension?, 12
Neutral Endopeptidase Inhibition Augments Vascular Actions of Bradykinin in Patients Treated With Angiotensin-Converting Enzyme Inhibition, 913
NO Synthase Inhibition Increases Aldosterone in Humans, 739
Persistent Lowering of Pressure by Transplanting Kidneys From Adult Spontaneously Hypertensive Rats Treated With Brief Antihypertensive Therapy, 89
Simvastatin Combined With Ramipril Treatment in Hypercholesterolemic Patients, 180
Structure-Based Discovery of a Novel Angiotensin-Converting Enzyme 2 Inhibitor, 903
Upregulation of Angiotensin-Converting Enzyme 2 by All-*trans* Retinoic Acid in Spontaneously Hypertensive Rats, 907

Angiotensinogen
Enhancement of Collecting Duct Renin in Angiotensin II-Dependent Hypertensive Rats, 223

Antihypertensive agents
Determinants of JNC VI Guideline Adherence, Intensity of Drug Therapy, and Blood Pressure Control by Race and Ethnicity, 429
Pathophysiology of Hypertensive Renal Damage: Implications for Therapy, 595

Antihypertensive therapy
Arterial Pressure Lowering Effect of Chronic Atenolol Therapy in Hypertension and Vasoconstrictor Sympathetic Drive, 454
Management of Hypertension in the Very Elderly Patient, 800
Myocardial Perfusion During Long-Term Angiotensin-Converting Enzyme Inhibition or β-Blockade in Patients With Essential Hypertension, 465
Prognostic Significance of Electrocardiographic Voltages and Their Serial Changes in Elderly With Systolic Hypertension, 459

Antioxidants
Oxidative Stress and Preeclampsia: Rationale for Antioxidant Clinical Trials, 374
Reactive Oxygen Species, Vascular Oxidative Stress, and Redox Signaling in Hypertension: What Is the Clinical Significance?, 248

Aorta
Impairment of PI3-K/Akt Pathway Underlies Attenuated Endothelial Function in Aorta of Type 2 Diabetic Mouse Model, 956
Increased Insulin Receptor Substrate 1 Serine Phosphorylation and Stress-Activated Protein Kinase/c-Jun N-Terminal Kinase Activation Associated With Vascular Insulin Resistance in Spontaneously Hypertensive Rats, 484
Sex Differences in Age-Related Stiffening of the Aorta in Subjects With Type 2 Diabetes, 67

Arginine
NO Synthase Inhibition Increases Aldosterone in Humans, 739
Upregulation of Vascular Arginase in Hypertension Decreases Nitric Oxide-Mediated Dilation of Coronary Arterioles, 935

Arterial hypertension
Blood Pressure-Related Cognitive Decline: Does Age Make a Difference?, 631

Arterial pressure
Persistent Lowering of Pressure by Transplanting Kidneys From Adult Spontaneously Hypertensive Rats Treated With Brief Antihypertensive Therapy, 89
Role of Podocytes for Reversal of Glomerulosclerosis and Proteinuria in the Aging Kidney After Endothelin Inhibition, 974

Arteries
Arterial Stiffness and Wave Reflections in Patients With Sickle Cell Disease, 924
Myocardial Perfusion During Long-Term Angiotensin-Converting Enzyme Inhibition or β-Blockade in Patients With Essential Hypertension, 465
Nebivolol Increases Arterial Distensibility In Vivo, 305
Plasma cGMP and Large Artery Remodeling in Asymptomatic Men, 919
Reactive Oxygen Species, Vascular Oxidative Stress, and Redox Signaling in Hypertension: What Is the Clinical Significance?, 248
Arterioles
Prevalence of Fetal-Type Smooth Muscle Cells in the Media of Microvessels From Hypertensive Patients, 191
Retinal Arteriolar Narrowing Is Associated With 5-Year Incident Severe Hypertension: The Blue Mountains Eye Study, 442
Arteriosclerosis
Cardiorespiratory Fitness, Physical Activity, and Arterial Stiffness: The Northern Ireland Young Hearts Project, 721
Essential Role of Vascular Endothelial Growth Factor in Angiotensin II-Induced Vascular Inflammation and Remodeling, 264
Atherosclerosis
C-Reactive Protein: Risk Marker or Mediator in Atherothrombosis?, 6
Endogenous Angiotensin II Induces Atherosclerotic Plaque Vulnerability and Elicits a Th1 Response in ApoE$^{-/-}$ Mice, 277
Fluvastatin Enhances the Inhibitory Effects of a Selective AT_1 Receptor Blocker, Valsartan, on Atherosclerosis, 758
Modulation of Oxidant and Antioxidant Enzyme Expression and Function in Vascular Cells, 381
Plasma cGMP and Large Artery Remodeling in Asymptomatic Men, 919
Platelet-Derived Growth Factor Induces Tissue Factor Expression in Vascular Smooth Muscle Cells via Activation of Egr-1, 944
Potassium Chloride Supplementation Diminishes Platelet Reactivity in Humans, 969
Simvastatin Combined With Ramipril Treatment in Hypercholesterolemic Patients, 180
Atrial natriuretic factor
Atrial Natriuretic Peptide Dose-Dependently Inhibits Pressure Overload-Induced Cardiac Remodeling, 746
Autonomic nervous system
Omega-3 Fatty Acid Supplementation Augments Sympathetic Nerve Activity Responses to Physiological Stressors in Humans, 732
Sustained Sympathoinhibitory Effects of Cardiac Resynchronization Therapy in Severe Heart Failure, 727
Autoregulation
Degenerin/Epithelial Na^+ Channel Proteins: Components of a Vascular Mechanosensor, 643
Pathophysiology of Hypertensive Renal Damage: Implications for Therapy, 595

B

Baroreflex
Job Strain, Ethnicity, and Sympathetic Nervous System Activity, 891
Birth weight
Early Life Factors and Blood Pressure at Age 31 Years in the 1966 Northern Finland Birth Cohort, 838
Blacks
Job Strain, Ethnicity, and Sympathetic Nervous System Activity, 891
Blood flow
Vascular Response to Angiotensin II in Upper Body Obesity, 435
Blood pressure
Association Between Factor VII Polymorphisms and Blood Pressure: The Stanislas Cohort, 674
Birth Weight Is Inversely Correlated to Adult Systolic Blood Pressure and Pulse Pressure in Type 1 Diabetes, 832
Blood Pressure and the Cystic Fibrosis Gene: Evidence for Lower Pressure Rises With Age in Female Carriers, 878
Blood Pressure-Related Cognitive Decline: Does Age Make a Difference?, 631
Body Mass Index and Blood Pressure Influences on Left Ventricular Mass and Geometry in African Americans: The Atherosclerotic Risk In Communities (ARIC) Study, 55
The Burden of Adult Hypertension in the United States 1999 to 2000: A Rising Tide, 398
Cardiovascular, Renal, and Metabolic Responses to Chronic Central Administration of Agouti-Related Peptide, 853
Chronic Management of Blood Pressure After Stroke, 1
Clinical Outcomes in the Diabetes Cohort of the International Verapamil SR-Trandolapril Study, 637
Comparison of Four Blood Pressure Indexes for the Prediction of 10-Year Stroke Risk in Middle-Aged and Older Asians, 715
Determinants of JNC VI Guideline Adherence, Intensity of Drug Therapy, and Blood Pressure Control by Race and Ethnicity, 429
Early Life Factors and Blood Pressure at Age 31 Years in the 1966 Northern Finland Birth Cohort, 838
Effects of NOS3 Glu298Asp Polymorphism on Hemodynamic Reactivity to Stress: Influences of Ethnicity and Obesity, 866
Gender-Specific Influence of NO Synthase Gene on Blood Pressure Since Childhood: The Bogalusa Heart Study, 668
Genome-Wide Scan for Blood Pressure Suggests Linkage to Chromosome 11, and Replication of Loci on 16, 17, and 22, 872
Genome-Wide Scan for Pulse Pressure in the National Heart, Lung and Blood Institute's Framingham Heart Study, 152
Inhibition of Cyclooxygenase-2 in the Rat Renal Medulla Leads to Sodium-Sensitive Hypertension, 424
Inhibition of Rho-Kinase in the Brainstem Augments Baroreflex Control of Heart Rate in Rats, 478
Interaction Between an 11βHSD1 Gene Variant and Birth Era Modifies the Risk of Hypertension in Pima Indians, 681
Is the Extrapolated Adult Dose of Fosinopril Safe and Effective in Treating Hypertensive Children?, 289
Job Strain, Ethnicity, and Sympathetic Nervous System Activity, 891
Midlife Blood Pressure and the Risk of Hippocampal Atrophy: The Honolulu Asia Aging Study, 29
Nebivolol Increases Arterial Distensibility In Vivo, 305
Omega-3 Fatty Acid Supplementation Augments Sympathetic Nerve Activity Responses to Physiological Stressors in Humans, 732
Relationship of Alcohol Drinking Pattern to Risk of Hypertension: A Population-Based Study, 813
Simvastatin Combined With Ramipril Treatment in Hypercholesterolemic Patients, 180
Summary of the Fourth Report on the Diagnosis, Evaluation, and Treatment of High Blood Pressure in Children and Adolescents, 387
Systolic Blood Pressure During Recovery From Exercise and the Risk of Acute Myocardial Infarction in Middle-Aged Men, 820
Tempol Attenuates Excitatory Actions of Angiotensin II in the Rostral Ventrolateral Medulla During Emotional Stress, 101
Trial of Preventing Hypertension: Design and 2-Year Progress Report, 146
Blood pressure monitoring
Arterial Pressure Response to the Antioxidant Tempol and ET_B Receptor Blockade in Rats on a High-Salt Diet, 770
Hypertensive Response to Acute Stress Is Attenuated in Interleukin-6 Knockout Mice, 259
Blood pressure monitoring, ambulatory
Differences in Circadian Pattern of Ambulatory Pulse Pressure Between Healthy and Complicated Pregnancies, 316
Disruption of Ultradian and Circadian Rhythms of Blood Pressure in Nondipper Hypertensive Patients, 311
Prevalence and Clinical Significance of Isolated Ambulatory Hypertension in Young Subjects Screened for Stage 1 Hypertension, 170
Blood vessels
Safety Evaluation of Clinical Gene Therapy Using Hepatocyte Growth Factor to Treat Peripheral Arterial Disease, 203
Body mass index
Body Mass Index and Blood Pressure Influences on Left Ventricular Mass and Geometry in African Americans: The Atherosclerotic Risk In Communities (ARIC) Study, 55
Body weight
Cardiovascular, Renal, and Metabolic Responses to Chronic Central Administration of Agouti-Related Peptide, 853
Bradykinin
Angiotensin-(1-7) Inhibitory Mechanism of Norepinephrine Release in Hypertensive Rats, 783

Bradykinin Regulates Cyclooxygenase-2 in Rat Renal Thick Ascending Limb Cells, 230
Neutral Endopeptidase Inhibition Augments Vascular Actions of Bradykinin in Patients Treated With Angiotensin-Converting Enzyme Inhibition, 913
Renal and Hormonal Effects of Water Deprivation in Late-Term Pregnant Rats, 334

Brain
Inhibition of Rho-Kinase in the Brainstem Augments Baroreflex Control of Heart Rate in Rats, 478
Midlife Blood Pressure and the Risk of Hippocampal Atrophy: The Honolulu Asia Aging Study, 29
Tempol Attenuates Excitatory Actions of Angiotensin II in the Rostral Ventrolateral Medulla During Emotional Stress, 101

C

Calcium
Mechanisms for Aldosterone and Spironolactone-Induced Positive Inotropic Actions in the Rat Heart, 751

Calcium antagonists
Clinical Outcomes in the Diabetes Cohort of the International Verapamil SR-Trandolapril Study, 637

Calcium current
Intracellular and Extracellular Angiotensin II Enhance the L-Type Calcium Current in the Failing Heart, 360

Cardiac function
Angiotensin II Regulation of Collagen Type I Expression in Cardiac Fibroblasts: Modulation by PPAR-γ Ligand Pioglitazone, 655
Mechanisms for Aldosterone and Spironolactone-Induced Positive Inotropic Actions in the Rat Heart, 751
Mechanisms for Increased Glycolysis in the Hypertrophied Rat Heart, 662

Cardiac metabolism
Mechanisms for Increased Glycolysis in the Hypertrophied Rat Heart, 662

Cardiomyopathy
Treatment of Dilated Cardiomyopathy With Electroporation of Hepatocyte Growth Factor Gene Into Skeletal Muscle, 365

Cardiovascular diseases
Early Life Factors and Blood Pressure at Age 31 Years in the 1966 Northern Finland Birth Cohort, 838
Effect of Angiotensin-Converting Enzyme Inhibition on Survival in 3773 Chinese Type 2 Diabetic Patients, 294
Hormone Replacement Therapy and Cardiovascular Disease: What Went Wrong and Where Do We Go From Here?, 789
Mapping the Genetic Determinants of Hypertension, Metabolic Diseases, and Related Phenotypes in the Lyon Hypertensive Rat, 695
Nitric Oxide and the Regulation of Large Artery Stiffness: From Physiology to Pharmacology, 112
Omega-3 Fatty Acid Supplementation Augments Sympathetic Nerve Activity Responses to Physiological Stressors in Humans, 732
Potassium Chloride Supplementation Diminishes Platelet Reactivity in Humans, 969
Short- and Long-Term Changes in Plasma Inflammatory Markers Associated With Preeclampsia, 708
Structure-Based Discovery of a Novel Angiotensin-Converting Enzyme 2 Inhibitor, 903

Case-control studies
Endothelial NO Synthase Genotype and Risk of Preeclampsia: A Multicenter Case-Control Study, 702
Genetic Risk of Atherosclerotic Renal Artery Disease: The Candidate Gene Approach in a Renal Angiography Cohort, 448

Catecholamines
Hypertensive Response to Acute Stress Is Attenuated in Interleukin-6 Knockout Mice, 259
Job Strain, Ethnicity, and Sympathetic Nervous System Activity, 891
Magnesium Inhibits Norepinephrine Release by Blocking N-Type Calcium Channels at Peripheral Sympathetic Nerve Endings, 897
Norepinephrine-Induced Changes in Cardiac Transforming Growth Factor-β Isoform Expression Pattern of Female and Male Rats, 410
Reduction of Vascular Noradrenaline Sensitivity by AT_1 Antagonists Depends on Functional Sympathetic Innervation, 346

Cell adhesion molecules
Neutrophils Infiltrate Resistance-Sized Vessels of Subcutaneous Fat in Women With Preeclampsia, 72

Cerebral arteries
Degenerin/Epithelial Na^+ Channel Proteins: Components of a Vascular Mechanosensor, 643
Estrogen and Tamoxifen Modulate Cerebrovascular Tone in Ovariectomized Female Rats, 78

Children
Is the Extrapolated Adult Dose of Fosinopril Safe and Effective in Treating Hypertensive Children?, 289
Summary of the Fourth Report on the Diagnosis, Evaluation, and Treatment of High Blood Pressure in Children and Adolescents, 387

Cholesterol
Epistatic Interaction Between β_2-Adrenergic Receptor and Neuropeptide Y Genes Influences LDL-Cholesterol in Hypertension, 689

Circadian rhythm
Differences in Circadian Pattern of Ambulatory Pulse Pressure Between Healthy and Complicated Pregnancies, 316
Disruption of Ultradian and Circadian Rhythms of Blood Pressure in Nondipper Hypertensive Patients, 311

Clinical trials
Chronic Management of Blood Pressure After Stroke, 1
Management of Hypertension in the Very Elderly Patient, 800
More on the Sodium Saga, 609
Safety Evaluation of Clinical Gene Therapy Using Hepatocyte Growth Factor to Treat Peripheral Arterial Disease, 203

Cocaine
Magnesium Inhibits Norepinephrine Release by Blocking N-Type Calcium Channels at Peripheral Sympathetic Nerve Endings, 897

Cognition
Blood Pressure-Related Cognitive Decline: Does Age Make a Difference?, 631

Cohort study
Early Life Factors and Blood Pressure at Age 31 Years in the 1966 Northern Finland Birth Cohort, 838

Collagen
Angiotensin II Regulation of Collagen Type I Expression in Cardiac Fibroblasts: Modulation by PPAR-γ Ligand Pioglitazone, 655
Atrial Natriuretic Peptide Dose-Dependently Inhibits Pressure Overload-Induced Cardiac Remodeling, 746
Downregulation of Matrix Metalloproteinases and Collagens and Suppression of Cardiac Fibrosis by Inhibition of the Proteasome, 471
Norepinephrine-Induced Changes in Cardiac Transforming Growth Factor-β Isoform Expression Pattern of Female and Male Rats, 410

Coronary artery disease
Clinical Outcomes in the Diabetes Cohort of the International Verapamil SR-Trandolapril Study, 637
Vascular Response to Angiotensin II Predicts Long-Term Prognosis in Patients Undergoing Coronary Artery Bypass Grafting, 930

Coronary disease
Electrocardiographic Strain Pattern and Prediction of Cardiovascular Morbidity and Mortality in Hypertensive Patients, 48

Cross-sectional studies
Cardiorespiratory Fitness, Physical Activity, and Arterial Stiffness: The Northern Ireland Young Hearts Project, 721

Cyclic AMP
Mechanisms for Increased Glycolysis in the Hypertrophied Rat Heart, 662

Cyclic GMP
Cyclophilin A Functions as an Endogenous Inhibitor for Membrane-Bound Guanylate Cyclase-A, 963
Plasma cGMP and Large Artery Remodeling in Asymptomatic Men, 919

Cyclooxygenase
Bradykinin Regulates Cyclooxygenase-2 in Rat Renal Thick Ascending Limb Cells, 230
Inhibition of Cyclooxygenase-2 in the Rat Renal Medulla Leads to Sodium-Sensitive Hypertension, 424
Relationship Between COX-2 Specific Inhibitors and Hypertension, 140

Cyclosporin
Cyclophilin A Functions as an Endogenous Inhibitor for Membrane-Bound Guanylate Cyclase-A, 963
Cytokines
Hypertensive Response to Acute Stress Is Attenuated in Interleukin-6 Knockout Mice, 259

D

Diabetes
Sex Differences in Age-Related Stiffening of the Aorta in Subjects With Type 2 Diabetes, 67
Diabetes mellitus
Birth Weight Is Inversely Correlated to Adult Systolic Blood Pressure and Pulse Pressure in Type 1 Diabetes, 832
Clinical Outcomes in the Diabetes Cohort of the International Verapamil SR-Trandolapril Study, 637
Effect of Angiotensin-Converting Enzyme Inhibition on Survival in 3773 Chinese Type 2 Diabetic Patients, 294
Impairment of PI3-K/Akt Pathway Underlies Attenuated Endothelial Function in Aorta of Type 2 Diabetic Mouse Model, 956
Is There a Rationale for Angiotensin Blockade in the Management of Obesity Hypertension?, 12
Diet
More on the Sodium Saga, 609
Perinatal L-Arginine and Antioxidant Supplements Reduce Adult Blood Pressure in Spontaneously Hypertensive Rats, 83
DNA
Blood Pressure and the Cystic Fibrosis Gene: Evidence for Lower Pressure Rises With Age in Female Carriers, 878
Role of Podocytes for Reversal of Glomerulosclerosis and Proteinuria in the Aging Kidney After Endothelin Inhibition, 974
Safety Evaluation of Clinical Gene Therapy Using Hepatocyte Growth Factor to Treat Peripheral Arterial Disease, 203
Drug therapy
Effect of Irbesartan Versus Atenolol on Left Ventricular Mass and Voltage Results of the CardioVascular Irbesartan Project, 61
Relationship Between COX-2 Specific Inhibitors and Hypertension, 140

E

Echocardiography
Effect of Irbesartan Versus Atenolol on Left Ventricular Mass and Voltage Results of the CardioVascular Irbesartan Project, 61
Editorial Commentaries
A Genetic Predisposition to Hypertension?, 27
Adducin, Renal Intermediate Phenotypes, and Hypertension, 394
Alcohol-Associated Hypertension: When One Drinks Makes a Difference, 805
An Emerging Role for Adenosine in Angiogenesis, 618
Blunted Decline in Systolic Blood Pressure After Exercise Predicts Future Acute Myocardial Infarction, 807
C3 or Not C3: That Is the Question, 25
Cognitive Impairment and Blood Pressure: Quo Usque Tandem Abutere Patientia Nostra?, 612
The Dietary Sodium-Blood Pressure Plot "Stiffens", 22
Fetal and Early Life Determinants of Hypertension in Adults: Implications for Study, 811
Fueling the Hypertrophied Heart, 623
Gender Dependency in the Pathogenesis of Cardiac Hypertrophy: Effect of Norepinephrine on Transforming Growth Factor-β Release in Female Heart, 392
Hypertension and Cyclooxygenase-2 Inhibitors: Target: The Renal Medulla, 396
Hypertension Associated With Therapies to Treat Arthritis and Pain, 123
Hypertension in the 21st Century: The Tide Is Rising; Our Daze Must End, 389
Hypertension: A Novel Regulator of Adaptive Immunity in Atherosclerosis?, 257
Importance of Achieving Lower Blood Pressure in Hypertensive Patients With Diabetes, 614
Is Vascular Endothelial Growth Factor a Missing Link Between Hypertension and Inflammation?, 253
Mediastinal Fat, Insulin Resistance, and Hypertension, 117
Osteopontin: A Protective Mediator of Cardiac Fibrosis?, 809
Peripheral Pulse Pressure, Large Arteries, and Microvessels, 121
Peroxisome Proliferator-Activated Receptors Ligands, Oxidative Stress, and Cardiac Fibroblast Extracellular Matrix Turnover, 621
Preventing Dementia by Treating Hypertension and Preventing Stroke, 20
Regulation of Vascular Tone: The Fat Connection, 255
Sensing Tension: Recognizing ENaC as a Stretch Sensor, 616
Shear Stress and Flow-Mediated Dilation, 119
Targeting of the Renin-Angiotensin System as an Adjunct to Estrogen Replacement Therapy, 390
Trial of Preventing Hypertension (TROPHY): Design and 2-Year Progress Report, 125
Elasticity
Sex Differences in Age-Related Stiffening of the Aorta in Subjects With Type 2 Diabetes, 67
Elderly
Management of Hypertension in the Very Elderly Patient, 800
More on the Sodium Saga, 609
Prognostic Significance of Electrocardiographic Voltages and Their Serial Changes in Elderly With Systolic Hypertension, 459
Electrical stimulation
Sustained Sympathoinhibitory Effects of Cardiac Resynchronization Therapy in Severe Heart Failure, 727
Electrocardiography
Effect of Irbesartan Versus Atenolol on Left Ventricular Mass and Voltage Results of the CardioVascular Irbesartan Project, 61
Electrocardiographic Strain Pattern and Prediction of Cardiovascular Morbidity and Mortality in Hypertensive Patients, 48
New Gender-Specific Partition Values for ECG Criteria of Left Ventricular Hypertrophy: Recalibration Against Cardiac MRI, 175
Prognostic Significance of Electrocardiographic Voltages and Their Serial Changes in Elderly With Systolic Hypertension, 459
Endothelial growth factors
Essential Role of Vascular Endothelial Growth Factor in Angiotensin II-Induced Vascular Inflammation and Remodeling, 264
Simvastatin Combined With Ramipril Treatment in Hypercholesterolemic Patients, 180
Endothelin
Arterial Pressure Response to the Antioxidant Tempol and ET_B Receptor Blockade in Rats on a High-Salt Diet, 770
Endothelin-1 Gene and Progression of Blood Pressure and Left Ventricular Mass: Longitudinal Findings in Youth, 884
Endothelium
C-Reactive Protein: Risk Marker or Mediator in Atherothrombosis?, 6
cGMP-Dependent Protein Kinase Mediates NO- but not Acetylcholine-Induced Dilations in Resistance Vessels In Vivo, 952
Hypoxia Modulates Adenosine Receptors in Human Endothelial and Smooth Muscle Cells Toward an A_{2B} Angiogenic Phenotype, 649
Impaired Endothelial Release of Tissue-Type Plasminogen Activator in Patients With Chronic Kidney Disease and Hypertension, 300
Local Shear Stress and Brachial Artery Flow-Mediated Dilation: The Framingham Heart Study, 134
Moderate Hyperhomocysteinemia Decreases Endothelial-Dependent Vasorelaxation in Pregnant But Not Nonpregnant Mice, 327
Neutral Endopeptidase Inhibition Augments Vascular Actions of Bradykinin in Patients Treated With Angiotensin-Converting Enzyme Inhibition, 913
Neutrophils Infiltrate Resistance-Sized Vessels of Subcutaneous Fat in Women With Preeclampsia, 72
Plasma cGMP and Large Artery Remodeling in Asymptomatic Men, 919
Upregulation of Endothelial Nitric Oxide Synthase by Cyanidin-3-Glucoside, a Typical Anthocyanin Pigment, 217
Endothelium-derived factors
Hypoxia Modulates Adenosine Receptors in Human Endothelial and Smooth Muscle Cells Toward an A_{2B} Angiogenic Phenotype, 649
Impairment of PI3-K/Akt Pathway Underlies Attenuated Endothelial Function in Aorta of Type 2 Diabetic Mouse Model, 956
Enzymes
Modulation of Oxidant and Antioxidant Enzyme Expression and Function in Vascular Cells, 381

Epidemiology
The Association Between Blood Pressure, Hypertension, and Cerebral White Matter Lesions: Cardiovascular Determinants of Dementia Study, 625
Birth Weight Is Inversely Correlated to Adult Systolic Blood Pressure and Pulse Pressure in Type 1 Diabetes, 832
Cardiorespiratory Fitness, Physical Activity, and Arterial Stiffness: The Northern Ireland Young Hearts Project, 721
Comparison of Four Blood Pressure Indexes for the Prediction of 10-Year Stroke Risk in Middle-Aged and Older Asians, 715
Interaction Between an 11βHSD1 Gene Variant and Birth Era Modifies the Risk of Hypertension in Pima Indians, 681
Measuring Adherence to Practice Guidelines for the Management of Hypertension: An Evaluation of the Literature, 602
Midlife Blood Pressure and the Risk of Hippocampal Atrophy: The Honolulu Asia Aging Study, 29
Relationship Between COX-2 Specific Inhibitors and Hypertension, 140
Relationship of Alcohol Drinking Pattern to Risk of Hypertension: A Population-Based Study, 813
Systolic Blood Pressure During Recovery From Exercise and the Risk of Acute Myocardial Infarction in Middle-Aged Men, 820
Epithelium
Membrane Trafficking of Angiotensin Receptor Type-1 and Mechanochemical Signal Transduction in Proximal Tubule Cells, 352
Estrogen
Estrogen and Tamoxifen Modulate Cerebrovascular Tone in Ovariectomized Female Rats, 78
Hormone Replacement Therapy and Cardiovascular Disease: What Went Wrong and Where Do We Go From Here?, 789
Ovariectomy Augments Hypertension in Aging Female Dahl Salt-Sensitive Rats, 405
Ethnic groups
Determinants of JNC VI Guideline Adherence, Intensity of Drug Therapy, and Blood Pressure Control by Race and Ethnicity, 429
Exercise
Cardiorespiratory Fitness, Physical Activity, and Arterial Stiffness: The Northern Ireland Young Hearts Project, 721
Systolic Blood Pressure During Recovery From Exercise and the Risk of Acute Myocardial Infarction in Middle-Aged Men, 820
Expression
Role of Podocytes for Reversal of Glomerulosclerosis and Proteinuria in the Aging Kidney After Endothelin Inhibition, 974
Extracellular matrix
Atrial Natriuretic Peptide Dose-Dependently Inhibits Pressure Overload-Induced Cardiac Remodeling, 746
Norepinephrine-Induced Changes in Cardiac Transforming Growth Factor-β Isoform Expression Pattern of Female and Male Rats, 410

F

Fatty acids
Omega-3 Fatty Acid Supplementation Augments Sympathetic Nerve Activity Responses to Physiological Stressors in Humans, 732
Vascular Response to Angiotensin II in Upper Body Obesity, 435
Fibrosis
Downregulation of Matrix Metalloproteinases and Collagens and Suppression of Cardiac Fibrosis by Inhibition of the Proteasome, 471
Fosinopril
Is the Extrapolated Adult Dose of Fosinopril Safe and Effective in Treating Hypertensive Children?, 289
Free radicals
Arterial Pressure Response to the Antioxidant Tempol and ET_B Receptor Blockade in Rats on a High-Salt Diet, 770
Modulation of Oxidant and Antioxidant Enzyme Expression and Function in Vascular Cells, 381
Oxidative Stress and Preeclampsia: Rationale for Antioxidant Clinical Trials, 374
Reactive Oxygen Species, Vascular Oxidative Stress, and Redox Signaling in Hypertension: What Is the Clinical Significance?, 248

G

Gene expression
Interaction Between an 11βHSD1 Gene Variant and Birth Era Modifies the Risk of Hypertension in Pima Indians, 681
Norepinephrine-Induced Changes in Cardiac Transforming Growth Factor-β Isoform Expression Pattern of Female and Male Rats, 410
Upregulation of Endothelial Nitric Oxide Synthase by Cyanidin-3-Glucoside, a Typical Anthocyanin Pigment, 217
Gene regulation
Modulation of Oxidant and Antioxidant Enzyme Expression and Function in Vascular Cells, 381
Platelet-Derived Growth Factor Induces Tissue Factor Expression in Vascular Smooth Muscle Cells via Activation of Egr-1, 944
Genes
Epistatic Interaction Between β_2-Adrenergic Receptor and Neuropeptide Y Genes Influences LDL-Cholesterol in Hypertension, 689
Treatment of Dilated Cardiomyopathy With Electroporation of Hepatocyte Growth Factor Gene Into Skeletal Muscle, 365
Genetics
α-Adducin Gly460Trp Polymorphism and Renal Hemodynamics in Essential Hypertension, 419
Association Between Factor VII Polymorphisms and Blood Pressure: The Stanislas Cohort, 674
Genetic Variation in *CYP11B2* and *AT1R* Influences Heart Rate Variability Conditional on Sodium Excretion, 156
Genome-Wide Scan for Blood Pressure Suggests Linkage to Chromosome 11, and Replication of Loci on 16, 17, and 22, 872
Genome-Wide Scan for Pulse Pressure in the National Heart, Lung and Blood Institute's Framingham Heart Study, 152
Interaction Between an 11βHSD1 Gene Variant and Birth Era Modifies the Risk of Hypertension in Pima Indians, 681
Mapping the Genetic Determinants of Hypertension, Metabolic Diseases, and Related Phenotypes in the Lyon Hypertensive Rat, 695
Glomerulosclerosis
Pathophysiology of Hypertensive Renal Damage: Implications for Therapy, 595
Growth
Early Life Factors and Blood Pressure at Age 31 Years in the 1966 Northern Finland Birth Cohort, 838
Growth substances
Essential Role of Vascular Endothelial Growth Factor in Angiotensin II-Induced Vascular Inflammation and Remodeling, 264
Treatment of Dilated Cardiomyopathy With Electroporation of Hepatocyte Growth Factor Gene Into Skeletal Muscle, 365

H

Hamsters
Treatment of Dilated Cardiomyopathy With Electroporation of Hepatocyte Growth Factor Gene Into Skeletal Muscle, 365
Haplotypes
Endothelial NO Synthase Genotype and Risk of Preeclampsia: A Multicenter Case-Control Study, 702
Endothelin-1 Gene and Progression of Blood Pressure and Left Ventricular Mass: Longitudinal Findings in Youth, 884
Gender-Specific Influence of NO Synthase Gene on Blood Pressure Since Childhood: The Bogalusa Heart Study, 668
Heart
Osteopontin Modulates Myocardial Hypertrophy in Response to Chronic Pressure Overload in Mice, 826
Heart failure
Intracellular and Extracellular Angiotensin II Enhance the L-Type Calcium Current in the Failing Heart, 360
Mechanisms for Aldosterone and Spironolactone-Induced Positive Inotropic Actions in the Rat Heart, 751
Neutral Endopeptidase Inhibition Augments Vascular Actions of Bradykinin in Patients Treated With Angiotensin-Converting Enzyme Inhibition, 913
Sustained Sympathoinhibitory Effects of Cardiac Resynchronization Therapy in Severe Heart Failure, 727
Treatment of Dilated Cardiomyopathy With Electroporation of Hepatocyte Growth Factor Gene Into Skeletal Muscle, 365

Heart rate
Cardiovascular, Renal, and Metabolic Responses to Chronic Central Administration of Agouti-Related Peptide, 853
Genetic Variation in *CYP11B2* and *AT1R* Influences Heart Rate Variability Conditional on Sodium Excretion, 156
Inhibition of Rho-Kinase in the Brainstem Augments Baroreflex Control of Heart Rate in Rats, 478
Hemodynamics
α-Adducin Gly460Trp Polymorphism and Renal Hemodynamics in Essential Hypertension, 419
Nebivolol Increases Arterial Distensibility In Vivo, 305
Hormones
Hormone Replacement Therapy and Cardiovascular Disease: What Went Wrong and Where Do We Go From Here?, 789
Human
Disruption of Ultradian and Circadian Rhythms of Blood Pressure in Nondipper Hypertensive Patients, 311
Genome-Wide Scan for Pulse Pressure in the National Heart, Lung and Blood Institute's Framingham Heart Study, 152
Hypercholesterolemia
Simvastatin Combined With Ramipril Treatment in Hypercholesterolemic Patients, 180
Hyperinsulinism
Impairment of PI3-K/Akt Pathway Underlies Attenuated Endothelial Function in Aorta of Type 2 Diabetic Mouse Model, 956
Hypertension
The Association Between Blood Pressure, Hypertension, and Cerebral White Matter Lesions: Cardiovascular Determinants of Dementia Study, 625
Association Between Factor VII Polymorphisms and Blood Pressure: The Stanislas Cohort, 674
Electrocardiographic Strain Pattern and Prediction of Cardiovascular Morbidity and Mortality in Hypertensive Patients, 48
Inhibition of Rho-Kinase in the Brainstem Augments Baroreflex Control of Heart Rate in Rats, 478
Magnesium Inhibits Norepinephrine Release by Blocking N-Type Calcium Channels at Peripheral Sympathetic Nerve Endings, 897
Sex Differences in Age-Related Stiffening of the Aorta in Subjects With Type 2 Diabetes, 67
Structure-Based Discovery of a Novel Angiotensin-Converting Enzyme 2 Inhibitor, 903
Sympathetic Neural Activation in Nondiabetic Metabolic Syndrome and Its Further Augmentation by Hypertension, 847
Upregulation of Vascular Arginase in Hypertension Decreases Nitric Oxide-Mediated Dilation of Coronary Arterioles, 935
Hypertension, alcohol-induced
Relationship of Alcohol Drinking Pattern to Risk of Hypertension: A Population-Based Study, 813
Hypertension, arterial
Cardiorespiratory Fitness, Physical Activity, and Arterial Stiffness: The Northern Ireland Young Hearts Project, 721
Disruption of Ultradian and Circadian Rhythms of Blood Pressure in Nondipper Hypertensive Patients, 311
Functional Effect of the $p22^{phox}$ $-930^{A/G}$ Polymorphism on $p22^{phox}$ Expression and NADPH Oxidase Activity in Hypertension, 163
Is the Extrapolated Adult Dose of Fosinopril Safe and Effective in Treating Hypertensive Children?, 289
Prevalence of Fetal-Type Smooth Muscle Cells in the Media of Microvessels From Hypertensive Patients, 191
Hypertension, detection and control
The Burden of Adult Hypertension in the United States 1999 to 2000: A Rising Tide, 398
Determinants of JNC VI Guideline Adherence, Intensity of Drug Therapy, and Blood Pressure Control by Race and Ethnicity, 429
Measuring Adherence to Practice Guidelines for the Management of Hypertension: An Evaluation of the Literature, 602
Prevalence and Clinical Significance of Isolated Ambulatory Hypertension in Young Subjects Screened for Stage 1 Hypertension, 170
Relationship Between COX-2 Specific Inhibitors and Hypertension, 140
Retinal Arteriolar Narrowing Is Associated With 5-Year Incident Severe Hypertension: The Blue Mountains Eye Study, 442
Trial of Preventing Hypertension: Design and 2-Year Progress Report, 146
Hypertension, essential
α-Adducin Gly460Trp Polymorphism and Renal Hemodynamics in Essential Hypertension, 419
Arterial Pressure Lowering Effect of Chronic Atenolol Therapy in Hypertension and Vasoconstrictor Sympathetic Drive, 454
Effect of Irbesartan Versus Atenolol on Left Ventricular Mass and Voltage Results of the CardioVascular Irbesartan Project, 61
Impaired Endothelial Release of Tissue-Type Plasminogen Activator in Patients With Chronic Kidney Disease and Hypertension, 300
Mechanism for Aldosterone Potentiation of Angiotensin II-Stimulated Rat Arterial Smooth Muscle Cell Proliferation, 340
Myocardial Perfusion During Long-Term Angiotensin-Converting Enzyme Inhibition or β-Blockade in Patients With Essential Hypertension, 465
Prognostic Significance of Electrocardiographic Voltages and Their Serial Changes in Elderly With Systolic Hypertension, 459
Reactive Oxygen Species, Vascular Oxidative Stress, and Redox Signaling in Hypertension: What Is the Clinical Significance?, 248
Upregulation of Angiotensin-Converting Enzyme 2 by All-*trans* Retinoic Acid in Spontaneously Hypertensive Rats, 907
Visceral Fat in Hypertension: Influence on Insulin Resistance and β-Cell Function, 127
Hypertension, genetic
Altered Subcellular Distribution of Na^+,K^+-ATPase in Proximal Tubules in Young Spontaneously Hypertensive Rats, 95
Mapping the Genetic Determinants of Hypertension, Metabolic Diseases, and Related Phenotypes in the Lyon Hypertensive Rat, 695
Hypertension, gestational
Differences in Circadian Pattern of Ambulatory Pulse Pressure Between Healthy and Complicated Pregnancies, 316
Hypertension, mineralocorticoid
NaCl Restriction Upregulates Renal *Slc26a4* Through Subcellular Redistribution: Role in Cl^- Conservation, 982
Hypertension, obesity
Cardiovascular, Renal, and Metabolic Responses to Chronic Central Administration of Agouti-Related Peptide, 853
Is There a Rationale for Angiotensin Blockade in the Management of Obesity Hypertension?, 12
Visceral Periadventitial Adipose Tissue Regulates Arterial Tone of Mesenteric Arteries, 271
Hypertension, renal
Impaired Endothelial Release of Tissue-Type Plasminogen Activator in Patients With Chronic Kidney Disease and Hypertension, 300
Perinatal L-Arginine and Antioxidant Supplements Reduce Adult Blood Pressure in Spontaneously Hypertensive Rats, 83
Hypertension, renovascular
Genetic Risk of Atherosclerotic Renal Artery Disease: The Candidate Gene Approach in a Renal Angiography Cohort, 448
Hypertension, sodium–dependent
Arterial Pressure Response to the Antioxidant Tempol and ET_B Receptor Blockade in Rats on a High-Salt Diet, 770
Atorvastatin Prevents End-Organ Injury in Salt-Sensitive Hypertension: Role of eNOS and Oxidant Stress, 186
Ovariectomy Augments Hypertension in Aging Female Dahl Salt-Sensitive Rats, 405
Hypertrophy
Atrial Natriuretic Peptide Dose-Dependently Inhibits Pressure Overload-Induced Cardiac Remodeling, 746
Body Mass Index and Blood Pressure Influences on Left Ventricular Mass and Geometry in African Americans: The Atherosclerotic Risk In Communities (ARIC) Study, 55
Complement 3 Is Involved in the Synthetic Phenotype and Exaggerated Growth of Vascular Smooth Muscle Cells From Spontaneously Hypertensive Rats, 42
Effect of Irbesartan Versus Atenolol on Left Ventricular Mass and Voltage Results of the CardioVascular Irbesartan Project, 61
Mechanisms for Increased Glycolysis in the Hypertrophied Rat Heart, 662
New Gender-Specific Partition Values for ECG Criteria of Left Ventricular Hypertrophy: Recalibration Against Cardiac MRI, 175
Osteopontin Modulates Myocardial Hypertrophy in Response to Chronic Pressure Overload in Mice, 826

Prognostic Significance of Electrocardiographic Voltages and Their Serial Changes in Elderly With Systolic Hypertension, 459
Hypotension
Critical Role for the α-1B Adrenergic Receptor at the Sympathetic Neuroeffector Junction, 776
Hypoxia
Hypoxia Modulates Adenosine Receptors in Human Endothelial and Smooth Muscle Cells Toward an A_{2B} Angiogenic Phenotype, 649

I

Imaging
New Gender-Specific Partition Values for ECG Criteria of Left Ventricular Hypertrophy: Recalibration Against Cardiac MRI, 175
Immunohistochemistry
Bradykinin Regulates Cyclooxygenase-2 in Rat Renal Thick Ascending Limb Cells, 230
Enhancement of Collecting Duct Renin in Angiotensin II-Dependent Hypertensive Rats, 223
In Memoriam
Ray W. Gifford, Jr, MD: (1923-2004), 109
Remembering Dr Ray W. Gifford, Jr: (1923-2004), 111
Roberto Franco-Saenz, MD: Teacher, Physician, Scientist, 373
Inflammation
Short- and Long-Term Changes in Plasma Inflammatory Markers Associated With Preeclampsia, 708
Insulin resistance
Increased Insulin Receptor Substrate 1 Serine Phosphorylation and Stress-Activated Protein Kinase/c-Jun N-Terminal Kinase Activation Associated With Vascular Insulin Resistance in Spontaneously Hypertensive Rats, 484
Inflammation, Abdominal Obesity, and Smoking as Predictors of Hypertension, 859
Visceral Fat in Hypertension: Influence on Insulin Resistance and β-Cell Function, 127
Interferon
Endogenous Angiotensin II Induces Atherosclerotic Plaque Vulnerability and Elicits a Th1 Response in $ApoE^{-/-}$ Mice, 277
Interleukins
Neutrophils Infiltrate Resistance-Sized Vessels of Subcutaneous Fat in Women With Preeclampsia, 72
Ion channels
Magnesium Inhibits Norepinephrine Release by Blocking N-Type Calcium Channels at Peripheral Sympathetic Nerve Endings, 897
Ions
Cellular-Free Magnesium Depletion in Brain and Muscle of Normal and Preeclamptic Pregnancy: A Nuclear Magnetic Resonance Spectroscopic Study, 322
Ischemia
The Association Between Blood Pressure, Hypertension, and Cerebral White Matter Lesions: Cardiovascular Determinants of Dementia Study, 625

K

Kallikrein
Renal and Hormonal Effects of Water Deprivation in Late-Term Pregnant Rats, 334
Kidney
Bradykinin Regulates Cyclooxygenase-2 in Rat Renal Thick Ascending Limb Cells, 230
Inhibition of Cyclooxygenase-2 in the Rat Renal Medulla Leads to Sodium-Sensitive Hypertension, 424
Membrane Trafficking of Angiotensin Receptor Type-1 and Mechanochemical Signal Transduction in Proximal Tubule Cells, 352
Role of Podocytes for Reversal of Glomerulosclerosis and Proteinuria in the Aging Kidney After Endothelin Inhibition, 974
Kidney failure
Impaired Endothelial Release of Tissue-Type Plasminogen Activator in Patients With Chronic Kidney Disease and Hypertension, 300
Role of Podocytes for Reversal of Glomerulosclerosis and Proteinuria in the Aging Kidney After Endothelin Inhibition, 974
Kinase
Increased Insulin Receptor Substrate 1 Serine Phosphorylation and Stress-Activated Protein Kinase/c-Jun N-Terminal Kinase Activation Associated With Vascular Insulin Resistance in Spontaneously Hypertensive Rats, 484
Osteopontin Modulates Myocardial Hypertrophy in Response to Chronic Pressure Overload in Mice, 826
Kinins
Angiotensin-(1-7) Inhibitory Mechanism of Norepinephrine Release in Hypertensive Rats, 783

L

Letters to the Editor
Back to the Basic: Measuring QRS Voltage-Interval in Left Ventricular Hypertrophy. Letter to the editor, e13
Blood Pressure, Resting Energy Expenditure, and Creatine Kinase Activity. Letter to the editor, e6. Response to letter, e6
Changes in Wave Reflection With Advancing Age in Normal Subjects. Letter to the editor, e10. Response to letter, e10.
Evidence Supporting a Beneficial Role for Long-Term L-Arginine Supplementation in High-Risk Pregnancies. Letter to the editor, e1
Is It Essential to Change the Term "Essential Hypertension"? Letter to the editor, e7. Response to letter, e7
Is "Essential" Hypertension Essential? Letter to the editor, e5
Neural Sympathetic Activity in Essential Hypertension. Letter to the editor, e3. Response to letter, e3
Roles of the Renal Kallikrein-Kinin System in Salt-Sensitive Hypertension. Letter to the editor, e12. Response to letter, e12.
Leukocytes
Primed Polymorphonuclear Leukocytes, Oxidative Stress, and Inflammation Antecede Hypertension in the Sabra Rat, 764
Lifestyle
Measuring Adherence to Practice Guidelines for the Management of Hypertension: An Evaluation of the Literature, 602
Linkage analysis
Genome-Wide Scan for Blood Pressure Suggests Linkage to Chromosome 11, and Replication of Loci on 16, 17, and 22, 872
Mapping the Genetic Determinants of Hypertension, Metabolic Diseases, and Related Phenotypes in the Lyon Hypertensive Rat, 695
Lymphocytes
Endogenous Angiotensin II Induces Atherosclerotic Plaque Vulnerability and Elicits a Th1 Response in $ApoE^{-/-}$ Mice, 277

M

Macrophages
C-Reactive Protein: Risk Marker or Mediator in Atherothrombosis?, 6
Magnesium
Cellular-Free Magnesium Depletion in Brain and Muscle of Normal and Preeclamptic Pregnancy: A Nuclear Magnetic Resonance Spectroscopic Study, 322
Magnetic resonance imaging
Midlife Blood Pressure and the Risk of Hippocampal Atrophy: The Honolulu Asia Aging Study, 29
Mechanosensor
Degenerin/Epithelial Na^+ Channel Proteins: Components of a Vascular Mechanosensor, 643
Mesenteric arteries
Visceral Periadventitial Adipose Tissue Regulates Arterial Tone of Mesenteric Arteries, 271
Metabolism
Cellular-Free Magnesium Depletion in Brain and Muscle of Normal and Preeclamptic Pregnancy: A Nuclear Magnetic Resonance Spectroscopic Study, 322
Mapping the Genetic Determinants of Hypertension, Metabolic Diseases, and Related Phenotypes in the Lyon Hypertensive Rat, 695
Sympathetic Neural Activation in Nondiabetic Metabolic Syndrome and Its Further Augmentation by Hypertension, 847
Mice
Hypertensive Response to Acute Stress Is Attenuated in Interleukin-6 Knockout Mice, 259

Microcirculation
cGMP-Dependent Protein Kinase Mediates NO- but not Acetylcholine-Induced Dilations in Resistance Vessels In Vivo, 952
Local Shear Stress and Brachial Artery Flow-Mediated Dilation: The Framingham Heart Study, 134
Upregulation of Vascular Arginase in Hypertension Decreases Nitric Oxide-Mediated Dilation of Coronary Arterioles, 935
Microscopy
Membrane Trafficking of Angiotensin Receptor Type-1 and Mechanochemical Signal Transduction in Proximal Tubule Cells, 352
Mineralocorticoids
Mechanism for Aldosterone Potentiation of Angiotensin II-Stimulated Rat Arterial Smooth Muscle Cell Proliferation, 340
Mechanisms for Aldosterone and Spironolactone-Induced Positive Inotropic Actions in the Rat Heart, 751
Renal and Hormonal Effects of Water Deprivation in Late-Term Pregnant Rats, 334
Muscle, smooth
Hypertension and RhoA/Rho-Kinase Signaling in the Vasculature: Highlights From the Recent Literature, 796
Hypoxia Modulates Adenosine Receptors in Human Endothelial and Smooth Muscle Cells Toward an A_{2B} Angiogenic Phenotype, 649
Prevalence of Fetal-Type Smooth Muscle Cells in the Media of Microvessels From Hypertensive Patients, 191
Visceral Periadventitial Adipose Tissue Regulates Arterial Tone of Mesenteric Arteries, 271
Muscle, smooth, vascular
Complement 3 Is Involved in the Synthetic Phenotype and Exaggerated Growth of Vascular Smooth Muscle Cells From Spontaneously Hypertensive Rats, 42
Degenerin/Epithelial Na^+ Channel Proteins: Components of a Vascular Mechanosensor, 643
Mechanism for Aldosterone Potentiation of Angiotensin II-Stimulated Rat Arterial Smooth Muscle Cell Proliferation, 340
Transcriptional Regulation of Type B Human Natriuretic Peptide Receptor Gene Promoter: Dependence on Sp1, 283
Mutation
Blood Pressure and the Cystic Fibrosis Gene: Evidence for Lower Pressure Rises With Age in Female Carriers, 878
Myocardial
Downregulation of Matrix Metalloproteinases and Collagens and Suppression of Cardiac Fibrosis by Inhibition of the Proteasome, 471
Myocardial Perfusion During Long-Term Angiotensin-Converting Enzyme Inhibition or β-Blockade in Patients With Essential Hypertension, 465
Myocardial infarction
Systolic Blood Pressure During Recovery From Exercise and the Risk of Acute Myocardial Infarction in Middle-Aged Men, 820

N

Na+,K+-transporting ATPase
Altered Subcellular Distribution of Na^+,K^+-ATPase in Proximal Tubules in Young Spontaneously Hypertensive Rats, 95
Natriuretic peptides
Atrial Natriuretic Peptide Dose-Dependently Inhibits Pressure Overload-Induced Cardiac Remodeling, 746
Transcriptional Regulation of Type B Human Natriuretic Peptide Receptor Gene Promoter: Dependence on Sp1, 283
Nephrosclerosis
Pathophysiology of Hypertensive Renal Damage: Implications for Therapy, 595
Role of Podocytes for Reversal of Glomerulosclerosis and Proteinuria in the Aging Kidney After Endothelin Inhibition, 974
Neuropeptides
Cardiovascular, Renal, and Metabolic Responses to Chronic Central Administration of Agouti-Related Peptide, 853
Epistatic Interaction Between β_2-Adrenergic Receptor and Neuropeptide Y Genes Influences LDL-Cholesterol in Hypertension, 689
Neutrophils
Neutrophils Infiltrate Resistance-Sized Vessels of Subcutaneous Fat in Women With Preeclampsia, 72
Nitric oxide
Angiotensin-(1-7) Inhibitory Mechanism of Norepinephrine Release in Hypertensive Rats, 783
cGMP-Dependent Protein Kinase Mediates NO- but not Acetylcholine-Induced Dilations in Resistance Vessels In Vivo, 952
Effects of Local Administrations of Tempol and Diethyldithio-Carbamic on Peripheral Nerve Activity, 236
Effects of NOS3 Glu298Asp Polymorphism on Hemodynamic Reactivity to Stress: Influences of Ethnicity and Obesity, 866
Hypertension and RhoA/Rho-Kinase Signaling in the Vasculature: Highlights From the Recent Literature, 796
Impairment of PI3-K/Akt Pathway Underlies Attenuated Endothelial Function in Aorta of Type 2 Diabetic Mouse Model, 956
Moderate Hyperhomocysteinemia Decreases Endothelial-Dependent Vasorelaxation in Pregnant But Not Nonpregnant Mice, 327
Nebivolol Increases Arterial Distensibility In Vivo, 305
NO Synthase Inhibition Increases Aldosterone in Humans, 739
Perinatal L-Arginine and Antioxidant Supplements Reduce Adult Blood Pressure in Spontaneously Hypertensive Rats, 83
Plasma cGMP and Large Artery Remodeling in Asymptomatic Men, 919
Tempol Attenuates Excitatory Actions of Angiotensin II in the Rostral Ventrolateral Medulla During Emotional Stress, 101
Nitric oxide synthase
Atorvastatin Prevents End-Organ Injury in Salt-Sensitive Hypertension: Role of eNOS and Oxidant Stress, 186
Effects of NOS3 Glu298Asp Polymorphism on Hemodynamic Reactivity to Stress: Influences of Ethnicity and Obesity, 866
Endothelial NO Synthase Genotype and Risk of Preeclampsia: A Multicenter Case-Control Study, 702
Gender-Specific Influence of NO Synthase Gene on Blood Pressure Since Childhood: The Bogalusa Heart Study, 668
Genetic Risk of Atherosclerotic Renal Artery Disease: The Candidate Gene Approach in a Renal Angiography Cohort, 448
Upregulation of Endothelial Nitric Oxide Synthase by Cyanidin-3-Glucoside, a Typical Anthocyanin Pigment, 217
Upregulation of Vascular Arginase in Hypertension Decreases Nitric Oxide-Mediated Dilation of Coronary Arterioles, 935
Norepinephrine
Angiotensin-(1-7) Inhibitory Mechanism of Norepinephrine Release in Hypertensive Rats, 783
Job Strain, Ethnicity, and Sympathetic Nervous System Activity, 891
Normotension
Differences in Circadian Pattern of Ambulatory Pulse Pressure Between Healthy and Complicated Pregnancies, 316
Nutrition
Interaction Between an 11βHSD1 Gene Variant and Birth Era Modifies the Risk of Hypertension in Pima Indians, 681
Upregulation of Endothelial Nitric Oxide Synthase by Cyanidin-3-Glucoside, a Typical Anthocyanin Pigment, 217

O

Obesity
Inflammation, Abdominal Obesity, and Smoking as Predictors of Hypertension, 859
Is There a Rationale for Angiotensin Blockade in the Management of Obesity Hypertension?, 12
Visceral Fat in Hypertension: Influence on Insulin Resistance and β-Cell Function, 127
Visceral Periadventitial Adipose Tissue Regulates Arterial Tone of Mesenteric Arteries, 271
Oxidative stress
Arterial Pressure Response to the Antioxidant Tempol and ET_B Receptor Blockade in Rats on a High-Salt Diet, 770
Atorvastatin Prevents End-Organ Injury in Salt-Sensitive Hypertension: Role of eNOS and Oxidant Stress, 186
Effects of Local Administrations of Tempol and Diethyldithio-Carbamic on Peripheral Nerve Activity, 236
Fluvastatin Enhances the Inhibitory Effects of a Selective AT_1 Receptor Blocker, Valsartan, on Atherosclerosis, 758
Functional Effect of the $p22^{phox}$ $-930^{A/G}$ Polymorphism on $p22^{phox}$ Expression and NADPH Oxidase Activity in Hypertension, 163

Modulation of Oxidant and Antioxidant Enzyme Expression and Function in Vascular Cells, 381
Oxidative Stress and Preeclampsia: Rationale for Antioxidant Clinical Trials, 374
Perinatal L-Arginine and Antioxidant Supplements Reduce Adult Blood Pressure in Spontaneously Hypertensive Rats, 83
Primed Polymorphonuclear Leukocytes, Oxidative Stress, and Inflammation Antecede Hypertension in the Sabra Rat, 764

P

Phosphorylation
Altered Subcellular Distribution of Na^+,K^+-ATPase in Proximal Tubules in Young Spontaneously Hypertensive Rats, 95
Increased Insulin Receptor Substrate 1 Serine Phosphorylation and Stress-Activated Protein Kinase/c-Jun N-Terminal Kinase Activation Associated With Vascular Insulin Resistance in Spontaneously Hypertensive Rats, 484
Platelet-derived growth factor
Platelet-Derived Growth Factor Induces Tissue Factor Expression in Vascular Smooth Muscle Cells via Activation of Egr-1, 944
Platelet-Derived Growth Factor Receptor Transactivation Mediates the Trophic Effects of Angiotensin II In Vivo, 195
Polymorphism
Effects of NOS3 Glu298Asp Polymorphism on Hemodynamic Reactivity to Stress: Influences of Ethnicity and Obesity, 866
Endothelial NO Synthase Genotype and Risk of Preeclampsia: A Multicenter Case-Control Study, 702
Endothelin-1 Gene and Progression of Blood Pressure and Left Ventricular Mass: Longitudinal Findings in Youth, 884
Functional Effect of the $p22^{phox}$ $-930^{A/G}$ Polymorphism on $p22^{phox}$ Expression and NADPH Oxidase Activity in Hypertension, 163
Genetic Risk of Atherosclerotic Renal Artery Disease: The Candidate Gene Approach in a Renal Angiography Cohort, 448
Short- and Long-Term Changes in Plasma Inflammatory Markers Associated With Preeclampsia, 708
Population
Management of Hypertension in the Very Elderly Patient, 800
Measuring Adherence to Practice Guidelines for the Management of Hypertension: An Evaluation of the Literature, 602
Potassium channels
Effects of Local Administrations of Tempol and Diethyldithio-Carbamic on Peripheral Nerve Activity, 236
Vascular CO Counterbalances the Sensitizing Influence of 20-HETE on Agonist-Induced Vasoconstriction, 210
Preeclampsia
Cellular-Free Magnesium Depletion in Brain and Muscle of Normal and Preeclamptic Pregnancy: A Nuclear Magnetic Resonance Spectroscopic Study, 322
Differences in Circadian Pattern of Ambulatory Pulse Pressure Between Healthy and Complicated Pregnancies, 316
Endothelial NO Synthase Genotype and Risk of Preeclampsia: A Multicenter Case-Control Study, 702
Neutrophils Infiltrate Resistance-Sized Vessels of Subcutaneous Fat in Women With Preeclampsia, 72
Oxidative Stress and Preeclampsia: Rationale for Antioxidant Clinical Trials, 374
Renal and Hormonal Effects of Water Deprivation in Late-Term Pregnant Rats, 334
Short- and Long-Term Changes in Plasma Inflammatory Markers Associated With Preeclampsia, 708
Pregnancy
Cellular-Free Magnesium Depletion in Brain and Muscle of Normal and Preeclamptic Pregnancy: A Nuclear Magnetic Resonance Spectroscopic Study, 322
Differences in Circadian Pattern of Ambulatory Pulse Pressure Between Healthy and Complicated Pregnancies, 316
Early Life Factors and Blood Pressure at Age 31 Years in the 1966 Northern Finland Birth Cohort, 838
Moderate Hyperhomocysteinemia Decreases Endothelial-Dependent Vasorelaxation in Pregnant But Not Nonpregnant Mice, 327
Renal and Hormonal Effects of Water Deprivation in Late-Term Pregnant Rats, 334
Prospective studies
Blood Pressure-Related Cognitive Decline: Does Age Make a Difference?, 631
Inflammation, Abdominal Obesity, and Smoking as Predictors of Hypertension, 859
Prostaglandins
Arterial Pressure Response to the Antioxidant Tempol and ET_B Receptor Blockade in Rats on a High-Salt Diet, 770
Bradykinin Regulates Cyclooxygenase-2 in Rat Renal Thick Ascending Limb Cells, 230
Inhibition of Cyclooxygenase-2 in the Rat Renal Medulla Leads to Sodium-Sensitive Hypertension, 424
Protein kinases
Mechanisms for Increased Glycolysis in the Hypertrophied Rat Heart, 662
Pulse
Differences in Circadian Pattern of Ambulatory Pulse Pressure Between Healthy and Complicated Pregnancies, 316

R

Rabbits
Tempol Attenuates Excitatory Actions of Angiotensin II in the Rostral Ventrolateral Medulla During Emotional Stress, 101
Rats
Bradykinin Regulates Cyclooxygenase-2 in Rat Renal Thick Ascending Limb Cells, 230
Complement 3 Is Involved in the Synthetic Phenotype and Exaggerated Growth of Vascular Smooth Muscle Cells From Spontaneously Hypertensive Rats, 42
Estrogen and Tamoxifen Modulate Cerebrovascular Tone in Ovariectomized Female Rats, 78
Inhibition of Cyclooxygenase-2 in the Rat Renal Medulla Leads to Sodium-Sensitive Hypertension, 424
Upregulation of Angiotensin-Converting Enzyme 2 by All-*trans* Retinoic Acid in Spontaneously Hypertensive Rats, 907
Rats, Dahl
Ovariectomy Augments Hypertension in Aging Female Dahl Salt-Sensitive Rats, 405
Rats, inbred strains
Mapping the Genetic Determinants of Hypertension, Metabolic Diseases, and Related Phenotypes in the Lyon Hypertensive Rat, 695
Rats, Sabra
Primed Polymorphonuclear Leukocytes, Oxidative Stress, and Inflammation Antecede Hypertension in the Sabra Rat, 764
Rats, spontaneously hypertensive
Altered Subcellular Distribution of Na^+,K^+-ATPase in Proximal Tubules in Young Spontaneously Hypertensive Rats, 95
Effects of Local Administrations of Tempol and Diethyldithio-Carbamic on Peripheral Nerve Activity, 236
Increased Insulin Receptor Substrate 1 Serine Phosphorylation and Stress-Activated Protein Kinase/c-Jun N-Terminal Kinase Activation Associated With Vascular Insulin Resistance in Spontaneously Hypertensive Rats, 484
Persistent Lowering of Pressure by Transplanting Kidneys From Adult Spontaneously Hypertensive Rats Treated With Brief Antihypertensive Therapy, 89
Receptors, adrenergic alpha
Critical Role for the α-1B Adrenergic Receptor at the Sympathetic Neuroeffector Junction, 776
Receptors, adrenergic beta
Epistatic Interaction Between β_2-Adrenergic Receptor and Neuropeptide Y Genes Influences LDL-Cholesterol in Hypertension, 689
Nebivolol Increases Arterial Distensibility In Vivo, 305
Receptors, angiotensin
Genetic Variation in *CYP11B2* and *AT1R* Influences Heart Rate Variability Conditional on Sodium Excretion, 156
Mechanism for Aldosterone Potentiation of Angiotensin II-Stimulated Rat Arterial Smooth Muscle Cell Proliferation, 340
Membrane Trafficking of Angiotensin Receptor Type-1 and Mechanochemical Signal Transduction in Proximal Tubule Cells, 352
Nonpeptide AVE 0991 Is an Angiotensin-(1-7) Receptor Mas Agonist in the Mouse Kidney, 490
Reduction of Vascular Noradrenaline Sensitivity by AT_1 Antagonists Depends on Functional Sympathetic Innervation, 346

Trial of Preventing Hypertension: Design and 2-Year Progress Report, 146
Receptors, angiotensin II
Angiotensin-(1-7) Inhibitory Mechanism of Norepinephrine Release in Hypertensive Rats, 783
Receptors, atrial natriuretic factor
Atrial Natriuretic Peptide Dose-Dependently Inhibits Pressure Overload-Induced Cardiac Remodeling, 746
Receptors, bradykinin
Bradykinin Regulates Cyclooxygenase-2 in Rat Renal Thick Ascending Limb Cells, 230
Receptors, purinergic
Hypoxia Modulates Adenosine Receptors in Human Endothelial and Smooth Muscle Cells Toward an A_{2B} Angiogenic Phenotype, 649
Remodeling
Atrial Natriuretic Peptide Dose-Dependently Inhibits Pressure Overload-Induced Cardiac Remodeling, 746
Complement 3 Is Involved in the Synthetic Phenotype and Exaggerated Growth of Vascular Smooth Muscle Cells From Spontaneously Hypertensive Rats, 42
Essential Role of Vascular Endothelial Growth Factor in Angiotensin II-Induced Vascular Inflammation and Remodeling, 264
New Gender-Specific Partition Values for ECG Criteria of Left Ventricular Hypertrophy: Recalibration Against Cardiac MRI, 175
Plasma cGMP and Large Artery Remodeling in Asymptomatic Men, 919
Renal artery
Genetic Risk of Atherosclerotic Renal Artery Disease: The Candidate Gene Approach in a Renal Angiography Cohort, 448
Role of Podocytes for Reversal of Glomerulosclerosis and Proteinuria in the Aging Kidney After Endothelin Inhibition, 974
Renal circulation
α-Adducin Gly460Trp Polymorphism and Renal Hemodynamics in Essential Hypertension, 419
Vascular CO Counterbalances the Sensitizing Influence of 20-HETE on Agonist-Induced Vasoconstriction, 210
Renal disease
Effect of Angiotensin-Converting Enzyme Inhibition on Survival in 3773 Chinese Type 2 Diabetic Patients, 294
Role of Podocytes for Reversal of Glomerulosclerosis and Proteinuria in the Aging Kidney After Endothelin Inhibition, 974
Renin
Dietary Sodium Restriction Rapidly Improves Large Elastic Artery Compliance in Older Adults With Systolic Hypertension, 35
Enhancement of Collecting Duct Renin in Angiotensin II-Dependent Hypertensive Rats, 223
Hypertensive Response to Acute Stress Is Attenuated in Interleukin-6 Knockout Mice, 259
Renal and Hormonal Effects of Water Deprivation in Late-Term Pregnant Rats, 334
Renin-angiotensin system
Genetic Risk of Atherosclerotic Renal Artery Disease: The Candidate Gene Approach in a Renal Angiography Cohort, 448
Is There a Rationale for Angiotensin Blockade in the Management of Obesity Hypertension?, 12
Ovariectomy Augments Hypertension in Aging Female Dahl Salt-Sensitive Rats, 405
Pathophysiology of Hypertensive Renal Damage: Implications for Therapy, 595
Persistent Lowering of Pressure by Transplanting Kidneys From Adult Spontaneously Hypertensive Rats Treated With Brief Antihypertensive Therapy, 89
Upregulation of Angiotensin-Converting Enzyme 2 by All-*trans* Retinoic Acid in Spontaneously Hypertensive Rats, 907
Resistance
Reactive Oxygen Species, Vascular Oxidative Stress, and Redox Signaling in Hypertension: What Is the Clinical Significance?, 248
Vascular Response to Angiotensin II Predicts Long-Term Prognosis in Patients Undergoing Coronary Artery Bypass Grafting, 930
Rheology
Association Between Factor VII Polymorphisms and Blood Pressure: The Stanislas Cohort, 674
Risk factors
Blood Pressure-Related Cognitive Decline: Does Age Make a Difference?, 631
Local Shear Stress and Brachial Artery Flow-Mediated Dilation: The Framingham Heart Study, 134
Systolic Blood Pressure During Recovery From Exercise and the Risk of Acute Myocardial Infarction in Middle-Aged Men, 820
Vascular Response to Angiotensin II Predicts Long-Term Prognosis in Patients Undergoing Coronary Artery Bypass Grafting, 930

S

Safety
Safety Evaluation of Clinical Gene Therapy Using Hepatocyte Growth Factor to Treat Peripheral Arterial Disease, 203
Signal transduction
Hypertension and RhoA/Rho-Kinase Signaling in the Vasculature: Highlights From the Recent Literature, 796
Increased Insulin Receptor Substrate 1 Serine Phosphorylation and Stress-Activated Protein Kinase/c-Jun N-Terminal Kinase Activation Associated With Vascular Insulin Resistance in Spontaneously Hypertensive Rats, 484
Platelet-Derived Growth Factor Induces Tissue Factor Expression in Vascular Smooth Muscle Cells via Activation of Egr-1, 944
Upregulation of Endothelial Nitric Oxide Synthase by Cyanidin-3-Glucoside, a Typical Anthocyanin Pigment, 217
Smoking
Inflammation, Abdominal Obesity, and Smoking as Predictors of Hypertension, 859
Sodium
α-Adducin Gly460Trp Polymorphism and Renal Hemodynamics in Essential Hypertension, 419
Altered Subcellular Distribution of Na^+,K^+-ATPase in Proximal Tubules in Young Spontaneously Hypertensive Rats, 95
Genetic Variation in *CYP11B2* and *AT1R* Influences Heart Rate Variability Conditional on Sodium Excretion, 156
Sodium, dietary
Dietary Sodium Restriction Rapidly Improves Large Elastic Artery Compliance in Older Adults With Systolic Hypertension, 35
Statins
Atorvastatin Prevents End-Organ Injury in Salt-Sensitive Hypertension: Role of eNOS and Oxidant Stress, 186
Stress
Effects of NOS3 Glu298Asp Polymorphism on Hemodynamic Reactivity to Stress: Influences of Ethnicity and Obesity, 866
Tempol Attenuates Excitatory Actions of Angiotensin II in the Rostral Ventrolateral Medulla During Emotional Stress, 101
Stroke
The Association Between Blood Pressure, Hypertension, and Cerebral White Matter Lesions: Cardiovascular Determinants of Dementia Study, 625
Chronic Management of Blood Pressure After Stroke, 1
Comparison of Four Blood Pressure Indexes for the Prediction of 10-Year Stroke Risk in Middle-Aged and Older Asians, 715
Potassium Chloride Supplementation Diminishes Platelet Reactivity in Humans, 969
Sympathetic nervous system
Arterial Pressure Lowering Effect of Chronic Atenolol Therapy in Hypertension and Vasoconstrictor Sympathetic Drive, 454
Critical Role for the α-1B Adrenergic Receptor at the Sympathetic Neuroeffector Junction, 776
Effects of Local Administrations of Tempol and Diethyldithiocarbamic on Peripheral Nerve Activity, 236
Hypertensive Response to Acute Stress Is Attenuated in Interleukin-6 Knockout Mice, 259
Sustained Sympathoinhibitory Effects of Cardiac Resynchronization Therapy in Severe Heart Failure, 727
Sympathetic Neural Activation in Nondiabetic Metabolic Syndrome and Its Further Augmentation by Hypertension, 847

T

Thrombin
Association Between Factor VII Polymorphisms and Blood Pressure: The Stanislas Cohort, 674

Tissue-type plasminogen activator
Impaired Endothelial Release of Tissue-Type Plasminogen Activator in Patients With Chronic Kidney Disease and Hypertension, 300
Transcription
Platelet-Derived Growth Factor Induces Tissue Factor Expression in Vascular Smooth Muscle Cells via Activation of Egr-1, 944
Transcriptional Regulation of Type B Human Natriuretic Peptide Receptor Gene Promoter: Dependence on Sp1, 283
Transforming growth factors
Platelet-Derived Growth Factor Receptor Transactivation Mediates the Trophic Effects of Angiotensin II In Vivo, 195
Transplantation, renal
Persistent Lowering of Pressure by Transplanting Kidneys From Adult Spontaneously Hypertensive Rats Treated With Brief Antihypertensive Therapy, 89
Twins
Genome-Wide Scan for Blood Pressure Suggests Linkage to Chromosome 11, and Replication of Loci on 16, 17, and 22, 872

V

Vascular diseases
Platelet-Derived Growth Factor Receptor Transactivation Mediates the Trophic Effects of Angiotensin II In Vivo, 195
Safety Evaluation of Clinical Gene Therapy Using Hepatocyte Growth Factor to Treat Peripheral Arterial Disease, 203
Vascular resistance
Arterial Pressure Lowering Effect of Chronic Atenolol Therapy in Hypertension and Vasoconstrictor Sympathetic Drive, 454
Myocardial Perfusion During Long-Term Angiotensin-Converting Enzyme Inhibition or β-Blockade in Patients With Essential Hypertension, 465
Vasculature
Hypertension and RhoA/Rho-Kinase Signaling in the Vasculature: Highlights From the Recent Literature, 796
Hypoxia Modulates Adenosine Receptors in Human Endothelial and Smooth Muscle Cells Toward an A_{2B} Angiogenic Phenotype, 649
Vasoconstriction
Critical Role for the α-1B Adrenergic Receptor at the Sympathetic Neuroeffector Junction, 776
Estrogen and Tamoxifen Modulate Cerebrovascular Tone in Ovariectomized Female Rats, 78
Hypertension and RhoA/Rho-Kinase Signaling in the Vasculature: Highlights From the Recent Literature, 796
Vascular Response to Angiotensin II Predicts Long-Term Prognosis in Patients Undergoing Coronary Artery Bypass Grafting, 930
Vasodilation
Upregulation of Vascular Arginase in Hypertension Decreases Nitric Oxide-Mediated Dilation of Coronary Arterioles, 935
Vasopressins
Reduction of Vascular Noradrenaline Sensitivity by AT_1 Antagonists Depends on Functional Sympathetic Innervation, 346
Vascular CO Counterbalances the Sensitizing Influence of 20-HETE on Agonist-Induced Vasoconstriction, 210

W

Wave reflections
Arterial Stiffness and Wave Reflections in Patients With Sickle Cell Disease, 924
Western blot
Enhancement of Collecting Duct Renin in Angiotensin II-Dependent Hypertensive Rats, 223
Women
Blood Pressure and the Cystic Fibrosis Gene: Evidence for Lower Pressure Rises With Age in Female Carriers, 878

Y

Young adults
Cardiorespiratory Fitness, Physical Activity, and Arterial Stiffness: The Northern Ireland Young Hearts Project, 721